EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	2	"20010030476"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/10/29 11:52
L35	7	"5134328"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/10/29 12:57
L36	9	"6495941"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/10/29 12:59
L37	11	"5183991"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/10/29 13:44
S2	2	"6729764".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/07/01 09:28
S3	2	"6204583".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/07/01 09:29
S4	2	"4604665".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/07/01 09:29

S5	2	"7023116".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/07/01 09:29
S9	5238	"310".clas. and spacer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/07/01 09:41
S10	2011	S9 and magnet	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/07/01 09:41
S11	1487	S10 and shaft	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/07/01 09:41
S12	986	S10 and shaft and coil	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/07/01 09:42
S13	16	S10 and shaft and coil and tw	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/07/01 09:42
S14	346	310/90.ccls. and spacer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/07/01 09:49
S15	2383	310/67r.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/07/01 10:05

S16	1516	S15 and bearing$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/07/01 10:06
S17	211	S15 and bearing$3 and washer$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/07/01 10:07
S18	3572	horng.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/07/01 10:07
S19	149	S18 and "310".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/07/01 10:07
S20	2515	310/90.ccls.	US-PGPUB; USPAT	ADJ	OFF	2008/07/01 10:25
S21	1525	310/91.ccls.	US-PGPUB; USPAT	ADJ	OFF	2008/07/01 10:26
S22	111	S21 and spacer	US-PGPUB; USPAT	ADJ	OFF	2008/07/01 10:26
S23	32	("1843628" | "2479349" | "2633393" | "3004782" | "3702704" | "3975026" | "4209722" | "4519010" | "4535373").PN. OR ("4996613").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/07/01 10:43
S24	853	"310".clas. and (ball or roller) near bearing$3 and spacer$3	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/07/01 10:47
S25	11	("5012359" | "5499901" | "5834870" | "5859745" | "5909339").PN. OR ("6356408").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/07/01 12:41

S26	27	("4528485" | "4535276" | "4578606" | "4605874" | "4626727" | "4633149" | "4707645").PN. OR ("4858044").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/07/01 12:53
S27	2383	310/67r.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/07/01 13:17
S28	213	S27 and spacer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/07/01 13:17
S29	68	chou.in. and "310". clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/07/01 14:12
S30	3	"310".clas. and (pressed metal plate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/07/01 14:39
S31	1919	"310".clas. and (metal plate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/07/01 14:39
S32	452	S31 and (sleeve or tube)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/07/01 14:40
S33	21	crapo.in. and "310". clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/07/01 14:45

S34	5238	"310".clas. and spacer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/07/01 14:53
S35	2300	S34 and bearing$3 and shaft	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/07/01 14:53
S36	1153	S35 and (washer or spring)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/07/01 14:53
S37	21	("3335942" | "3728563" | "3990141" | "4471246" | "4480206" | "4550814" | "4598220" | "4612468" | "4613778" | "5013957" | "5073735" | "5258672" | "5274289" | "5562347" | "5719454" | "6144135" | "6271611" | "6617736" | "6819021" | "6876112").PN. OR ("7230357").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/07/01 15:23
S38	21	("3335942" | "3728563" | "3990141" | "4471246" | "4480206" | "4550814" | "4598220" | "4612468" | "4613778" | "5013957" | "5073735" | "5258672" | "5274289" | "5562347" | "5719454" | "6144135" | "6271611" | "6617736" | "6819021" | "6876112").PN. OR ("7230357").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/07/01 16:05
S39	872	(motor.ti. or motor.ab.) and spacer near2 (shaft or bearing$3)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/07/01 16:10

S40	22	S39 and spacer near2 (protrusion or flange)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/07/01 16:11
S41	495	310/90.ccls.	US-PGPUB	ADJ	OFF	2008/07/01 16:15
S42	2020	310/90.ccls.	USPAT	ADJ	OFF	2008/07/01 16:18
S43	3	("4968910" | "6498412" | "6720694").PN. OR ("7342336").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/07/01 17:00
S44	4	("4130770" | "5834870" | "6340854").PN. OR ("6538355").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/07/01 17:22
S45	4	("5729404" | "6135641" | "6229664").PN. OR ("6342743").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/07/01 17:28
S46	1525	310/91.ccls.	US-PGPUB; USPAT	ADJ	OFF	2008/07/01 17:46
S47	14	S46 and wave (washer or spring)	US-PGPUB; USPAT	ADJ	OFF	2008/07/01 17:46
S49	4824	spacer near2 (metal or steel)	US-PGPUB; USPAT	ADJ	OFF	2008/07/01 17:56
S50	66	spacer near2 (metal or steel) and "310".clas.	US-PGPUB; USPAT	ADJ	OFF	2008/07/01 17:56
S52	457	310/67r,90,91.ccls. and spacer	US-PGPUB; USPAT	ADJ	OFF	2008/07/02 08:22
S58	2383	310/67r.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/07/02 11:00
S59	975	S58 and circuit	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/07/02 11:00
S60	441	S58 and circuit board	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/07/02 11:00

S61	201	S60 and metal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/07/02 11:05
S62	105	S61 and press	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/07/02 11:05
S63	2515	310/90.ccls.	US-PGPUB; USPAT	ADJ	OFF	2008/07/02 11:48
S64	235	S63 and gear	US-PGPUB; USPAT	ADJ	OFF	2008/07/02 11:48
S65	23	S64 and spacer and gear	US-PGPUB; USPAT	ADJ	OFF	2008/07/02 11:49
S66	23	S63 and spacer and gear	US-PGPUB; USPAT	ADJ	OFF	2008/07/02 11:50
S67	6	S63 and spacer and pinion	US-PGPUB; USPAT	ADJ	OFF	2008/07/02 11:50
S68	9	310/91.ccls. and spacer and gear	US-PGPUB; USPAT	ADJ	OFF	2008/07/02 11:52
S72	2	"20060181168".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/07/07 10:00
S73	1525	310/91.ccls.	US-PGPUB; USPAT	ADJ	OFF	2008/07/07 15:22
S74	21	S73 and spring near2 bearing$3	US-PGPUB; USPAT	ADJ	OFF	2008/07/07 15:22
S75	253	S73 and spring and bearing$3	US-PGPUB; USPAT	ADJ	OFF	2008/07/07 15:23
S76	16	("1610726" | "1665097" | "2648790" | "2738122" | "3253776" | "3369136" | "4069435").PN. OR ("4632644").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/07/07 15:33
S77	15	("1373929" | "3281192" | "4632644" | "4869649").PN. OR ("5160247").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/07/07 15:39

S78	871	310/90.ccls. and spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/07/07 16:08
S79	468	310/90.ccls. and spring	USPAT	ADJ	OFF	2008/07/07 16:08
S80	33	("3234418" | "3508327" | "3684907" | "3701911" | "3711732" | "3906164" | "4076989" | "4107559" | "4255681").PN. OR ("4471246").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/07/07 16:21
S82	331	310/67r.ccls. and spring	US-PGPUB; USPAT	ADJ	OFF	2008/07/07 17:20
S83	35	310/75a.ccls. and spring	US-PGPUB; USPAT	ADJ	OFF	2008/07/07 17:55
S84	51	310/75a.ccls.	US-PGPUB; USPAT	ADJ	OFF	2008/07/07 17:56
S85	499	310/90.ccls. and spring $3	USPAT	ADJ	OFF	2008/07/07 17:57
S86	44	bearing.ti. and (high near carbon near chromium near steel)	USPAT	ADJ	OFF	2008/07/07 18:29
S87	1944	"310".clas. and (stainless near steel) and (rotor or housing)	USPAT	ADJ	OFF	2008/07/07 18:39
S88	102	"310".clas. and (stainless near steel) near2 (rotor or housing)	USPAT	ADJ	OFF	2008/07/07 18:39
S89	126	"310".clas. and (stainless near steel) near2 (rotor or housing)	US-PGPUB; USPAT	ADJ	OFF	2008/07/07 18:39
S90	195	("310".clas. or "29". clas.) and (stainless near steel) near2 (rotor or housing)	US-PGPUB; USPAT	ADJ	OFF	2008/07/07 18:43
S91	0	("310".clas. or "29". clas.) and (stainless near steel) near2 (rotor or housing) near "400"	US-PGPUB; USPAT	ADJ	OFF	2008/07/07 18:58
S92	40	("310".clas. or "29". clas.) and (stainless near steel) near "400"	US-PGPUB; USPAT	ADJ	OFF	2008/07/07 18:58

S93	15	("310".clas. or "29". clas.) and (stainless near steel)near "400" and (motor or rotor)	US-PGPUB; USPAT	ADJ	OFF	2008/07/07 19:00
S95	4	((DONALD) near2 (HARGRAVES)).INV.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/07/08 09:03
S96	25	((DOUGLAS) near2 (CURTIS)).INV.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/07/08 09:03
S101	3	"6822354"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/11/07 16:36
S102	20	("3614495" | "3676725" | "4017964" | "4829208" | "5008573" | "5144183" | "5252873").PN. OR ("5497040").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/11/07 16:48
S103	3246	310/90.ccls.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/03/07 14:26
S104	5029	310/90,91.ccls.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/03/07 14:26
S105	168	S104 and expansion same coefficient$3	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/03/07 14:27
S106	1	"20010030476"	US-PGPUB	ADJ	OFF	2009/03/07 15:32
S107	34	("3234418" | "3508327" | "3684907" | "3701911" | "3711732" | "3906164" | "4076989" | "4107559" | "4255681").PN. OR ("4471246").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/10/27 17:30
S108	19	("20010030478" | "20020047395" | "20020112341" | "20020113506" | "20030146668" | "20030178903" | "20040256936" | "20050012415" | "20050116562" | "3701911" | "4471246" | "5414316" | "5945756" | "6040647" | "6204579" | "6437464" | "6452299" | "6718617" |	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/10/27 17:31

		"6803689").PN. OR ("7605508").URPN.				
S109	34	("3234418" | "3508327" | "3684907" | "3701911" | "3711732" | "3906164" | "4076989" | "4107559" | "4255681").PN. OR ("4471246").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/10/27 17:33
S110	2055	310/90.ccls. and rotor and shaft	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/10/27 17:35
S111	653	S110 and spring	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/10/27 17:35
S112	25	("0645247" | "3394295" | "4920295" | "5723928" | "5920127" | "6137195" | "6351050" | "6429611").PN. OR ("6555941").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/10/27 17:44
S113	36	("0645247" | "0829975" | "1194645" | "3250976" | "3648090" | "4546293" | "4554472" | "4562367" | "4694213" | "4920295" | "5130592" | "5233254" | "5455473" | "5486730" | "5627419" | "5677605" | "5723928" | "5739664" | "5821710" | "5834874" | "5973428" | "6181048" | "6191513" | "6249069" | "6329736").PN. OR ("6492753").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/10/27 17:46
S114	1615	310/91.ccls.	US-PGPUB; USPAT	ADJ	OFF	2009/10/28 11:32
S115	4952	motor and thermal$3 near2 coefficient$3 and bearing$3 and (metal or steel)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/10/28 11:43
S116	538	motor and thermal$3 near2 coefficient$3 same bearing$3 same (metal or steel)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/10/28 11:43

S117	30	("3178241" | "3833924" | "4302720" | "4770549" | "4997296" | "5052828" | "5059041" | "5065974" | "5094986" | "5112146" | "5197808" | "5214326" | "5235180" | "5373391" | "5380112" | "5393209" | "5532729" | "5596442" | "5596443" | "5775816" | "5900903" | "6033408" | "6048168" | "6142674" | "6304359" | "6396589" | "6589448").PN. OR ("6710487").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/10/28 13:10
S118	30	("3178241" | "3833924" | "4302720" | "4770549" | "4997296" | "5052828" | "5059041" | "5065974" | "5094986" | "5112146" | "5197808" | "5214326" | "5235180" | "5373391" | "5380112" | "5393209" | "5532729" | "5596442" | "5596443" | "5775816" | "5900903" | "6033408" | "6048168" | "6142674" | "6304359" | "6396589" | "6589448").PN. OR ("6710487").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/10/28 13:10
S119	1126	motor and thermal$3 near2 coefficient$3 same bearing$3	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/10/28 13:12
S120	1152	motor and thermal$3 near2 (coefficient$3 or constant) same bearing$3	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/10/28 13:16
S121	286	S120 and pump$3 and (metal$3 or steel or iron)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/10/28 13:41
S122	4	S121 and pump near2 reciprocat$3	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/10/28 14:25

S123	328	S120 and (pump$3 or compressor) and (metal $3 or steel or iron)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/10/28 14:26
S124	54	S123 and reciprocat$3	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/10/28 14:27
S125	549	motor and thermal$3 near2 (coefficient$3 or constant) near2 (equal $3 or "same") and bearing$3	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/10/28 15:57
S126	492	S125 and bearing$3 and (metal$3 or steel or iron)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/10/28 15:57
S127	139	S125 and bearing$3 with (metal$3 or steel or iron)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/10/28 15:57

**10/29/2009 2:18:41 PM
C:\ Documents and Settings\ jkim3\ My Documents\ EAST\ Workspaces\ Motor-C\ motor-21
\ 10550256.wsp**